

KEY REMINDER/SEAT BELT  
WARNING

START-RUN BUS

HORNS

A

B

C

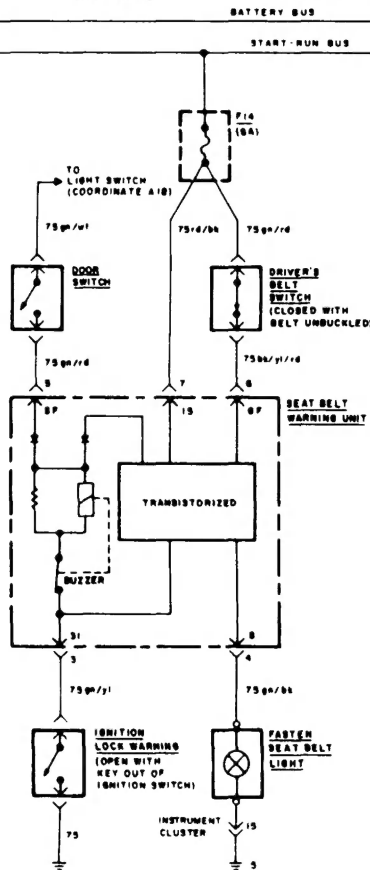
D

E

F

G

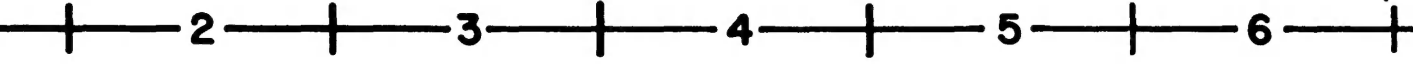
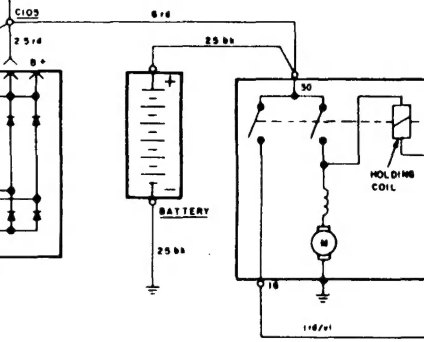
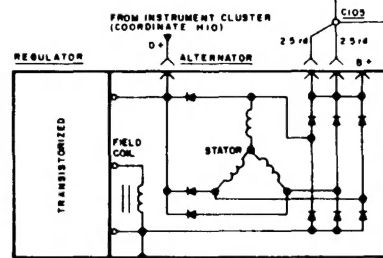
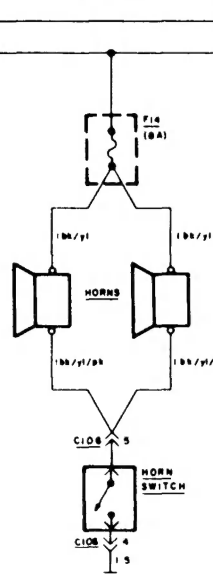
H



GENERAL NOTE SOLID BROWN WIRE INSULATION  
ALWAYS INDICATES GROUND  
TERMINAL 31 IS ALWAYS GROUND

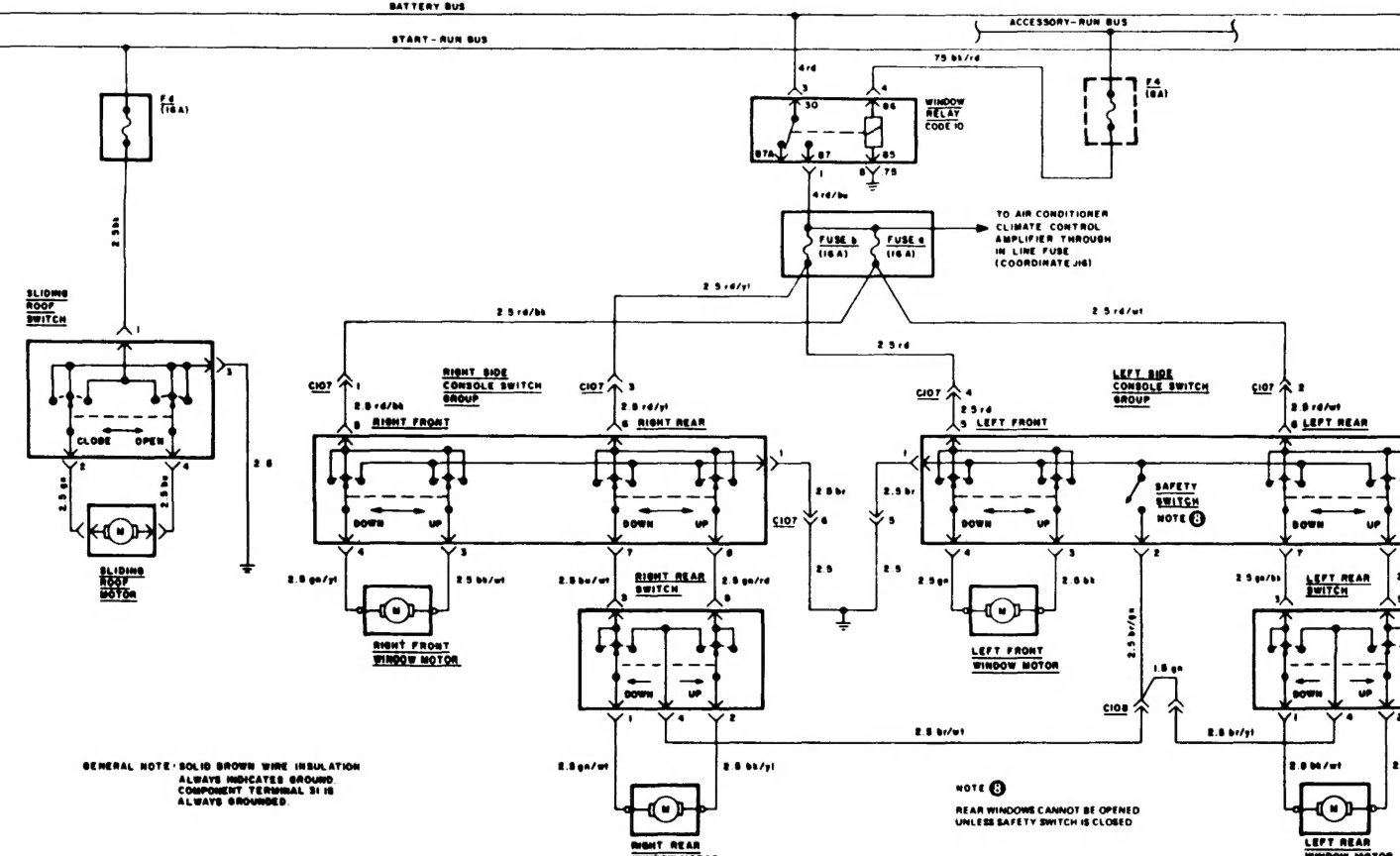


0 - OFF  
1 - ACCESSORY POSITION  
2 - RUN POSITION  
3 - START POSITION



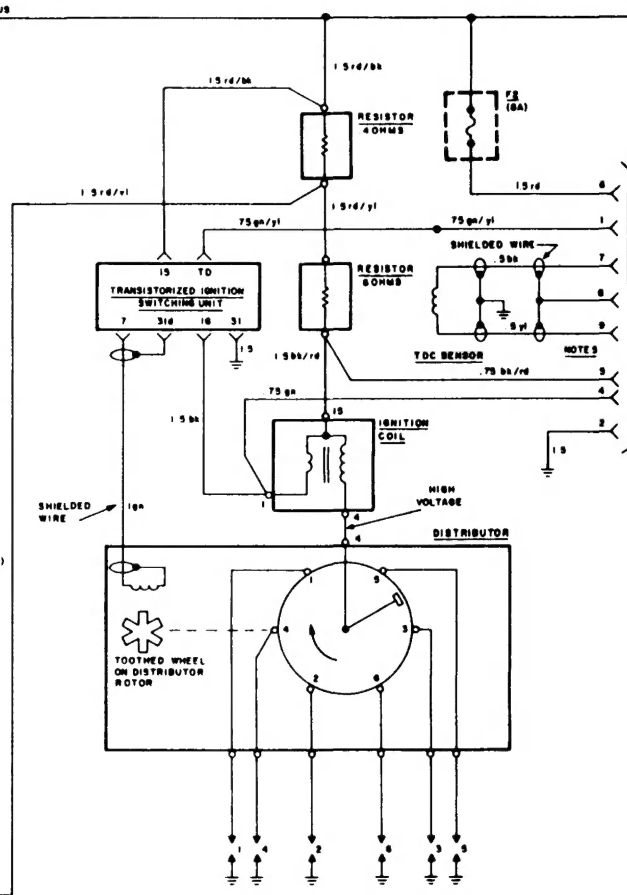
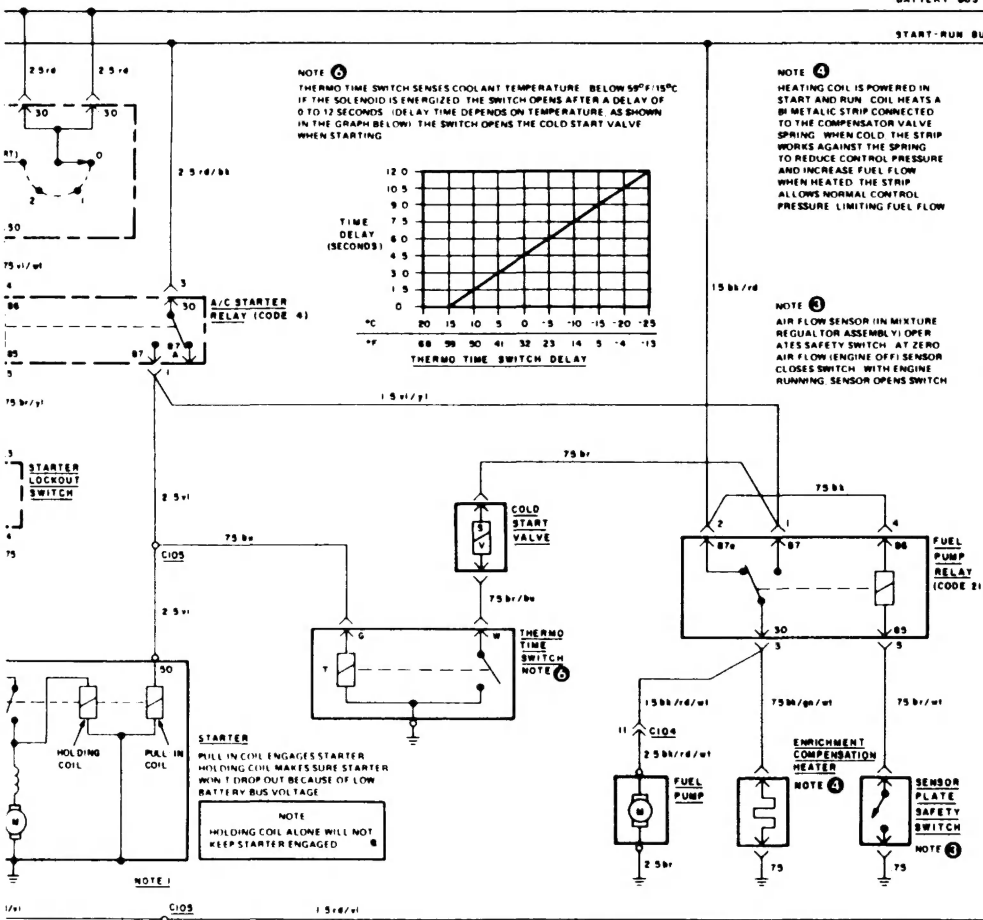
SLIDING ROOF

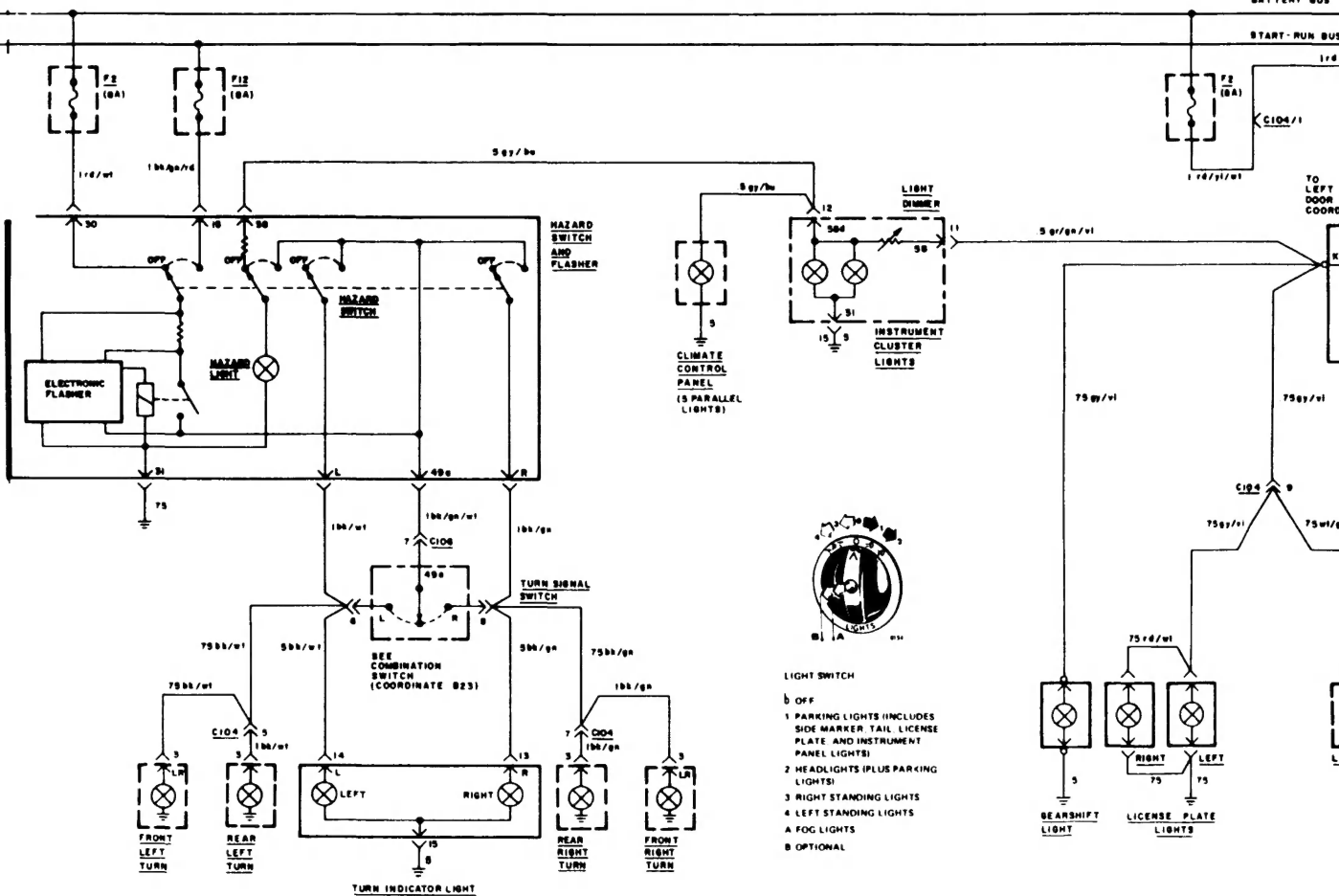
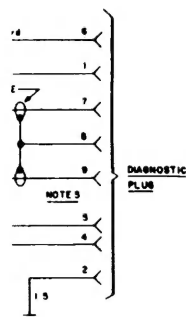
ELECTRIC WINDOW



GENERAL NOTE SOLID BROWN WIRE INSULATION  
ALWAYS INDICATES GROUND  
COMPONENT TERMINAL 31 IS  
ALWAYS GROUND

NOTE 3  
REAR WINDOW CANNOT BE OPENED  
UNLESS SAFETY SWITCH IS CLOSED





-12- | 13- | 14- | 15- | 16- | 17- |

## COMPONENT INDEX

SYSTEM/ COMPONENT	LOCATION ON VEHICLE	LOC FIG NO	TERM FIG NO	SYSTEM/ COMPONENT	LOCATION ON VEHICLE	LOC FIG NO	TERM FIG NO
CHARGE/START/EMISSION CONTROL							
A/C starter relay - code 12	Relay box	1					
Cold start valve	RH side of mixture regulator assembly	18					
Fuel pump relay - code 21	Relay box	1					
Sensor plate safety switch	Behind carburetor	18					
Thermo time switch	Engine compartment	6					
Warmup regulator	LH side, under manifold	7					
ELECTRIC WINDOW							
Window relay	Behind instrument panel	2					
IGNITION							
Ignition coil	Next to transistorized ignition	4					
Transistorized ignition switch unit	Front left of engine compartment	4					
INSTRUMENT CLUSTER							
Engine temperature sensor	Engine compartment	6					
SEAT BELT WARNING							
Seat belt warning unit	Under dash, driver's side	3					
TURN SIGNAL AND FLASHER							
Hazard switch and flasher	Behind instrument panel						



Codes Relays

5 Changer

6 Auxiliary

8 Auxiliary

21 Fuel pu

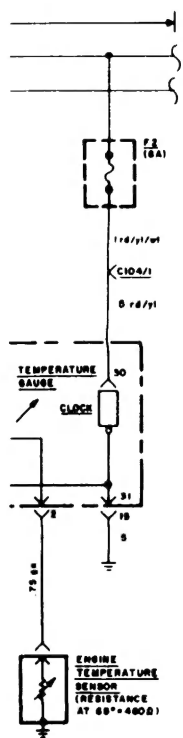
12 A/C sta



1 Electric window

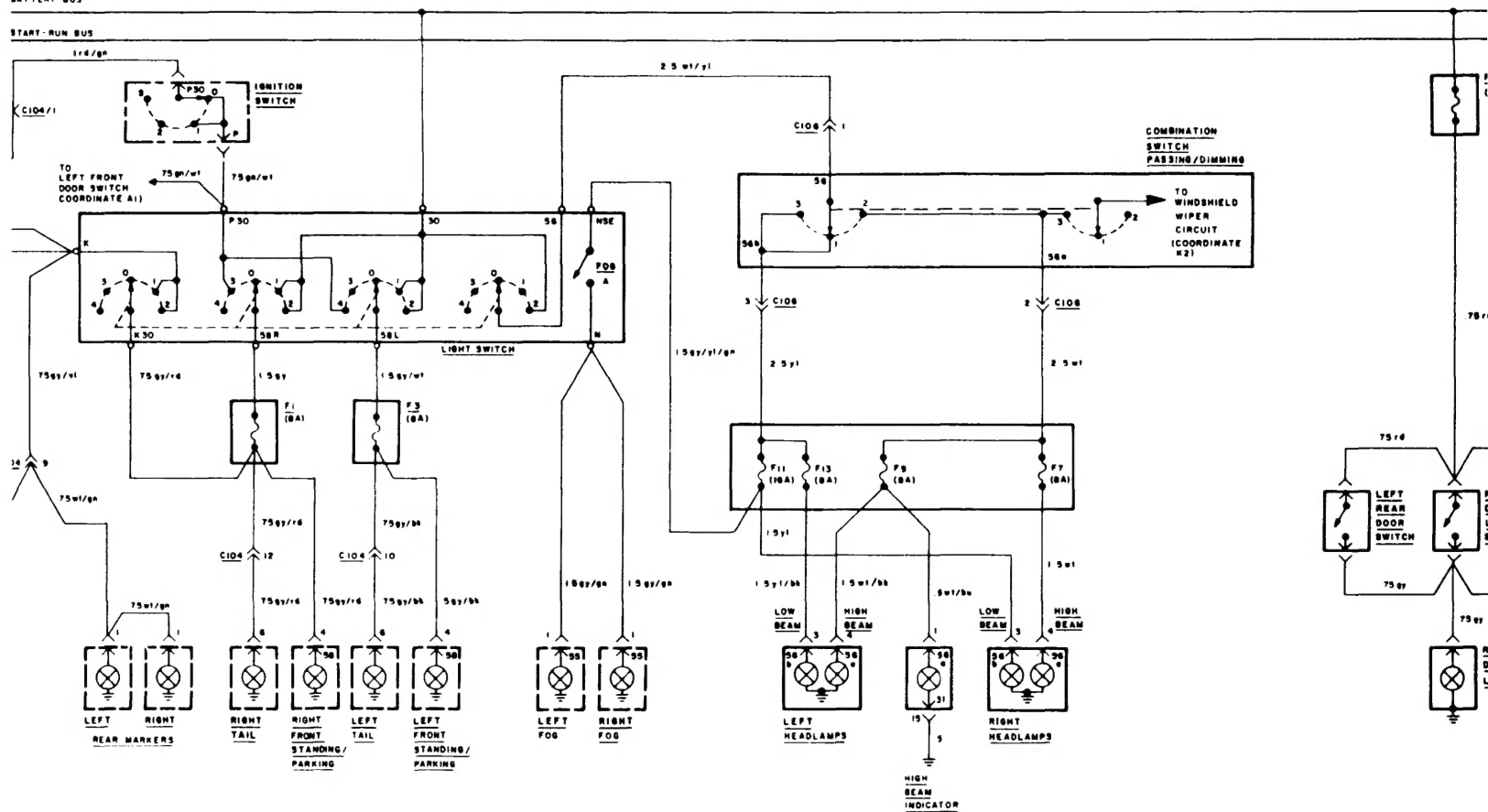
2 Heated rear win

3 Interval control



BATTERY BUS

START-RUN BUS



## LOCATION FIGURES

1977

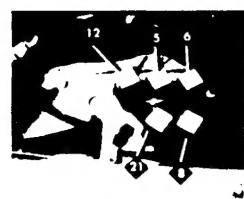


Fig. 1

Relays  
1. Changeover relay  
2. Auxiliary fan relay  
3. Auxiliary fan control relay  
4. Fuel pump relay  
5. A/C starter relay



Fig. 2

Electric window relay  
Heated rear window delay relay  
Interior control



Fig. 3

1. Seat belt warning unit  
2. Cruise control amplifier  
3. C106  
4. C104



Fig. 4

1. Ignition coil  
2. Transistorized ignition switching unit  
3. Diagnostic plug  
4. Cruise control actuator

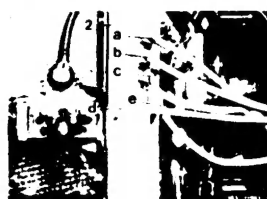


Fig. 5

2. Pushbutton switch  
a. green  
b. gray  
c. red  
d. yellow  
e. blue

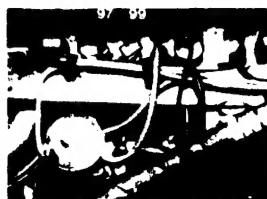


Fig. 6

99. Thermo time switch  
97. Engine temperature sensor

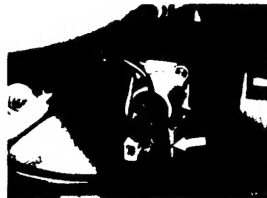


Fig. 7

Warm up regulator



Fig. 8

3. Speed sensor

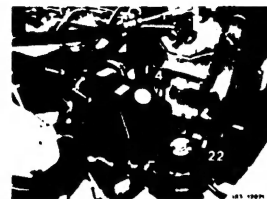


Fig. 9

4. Servo assembly  
22. Auxiliary water pump

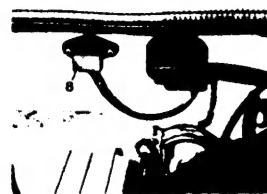
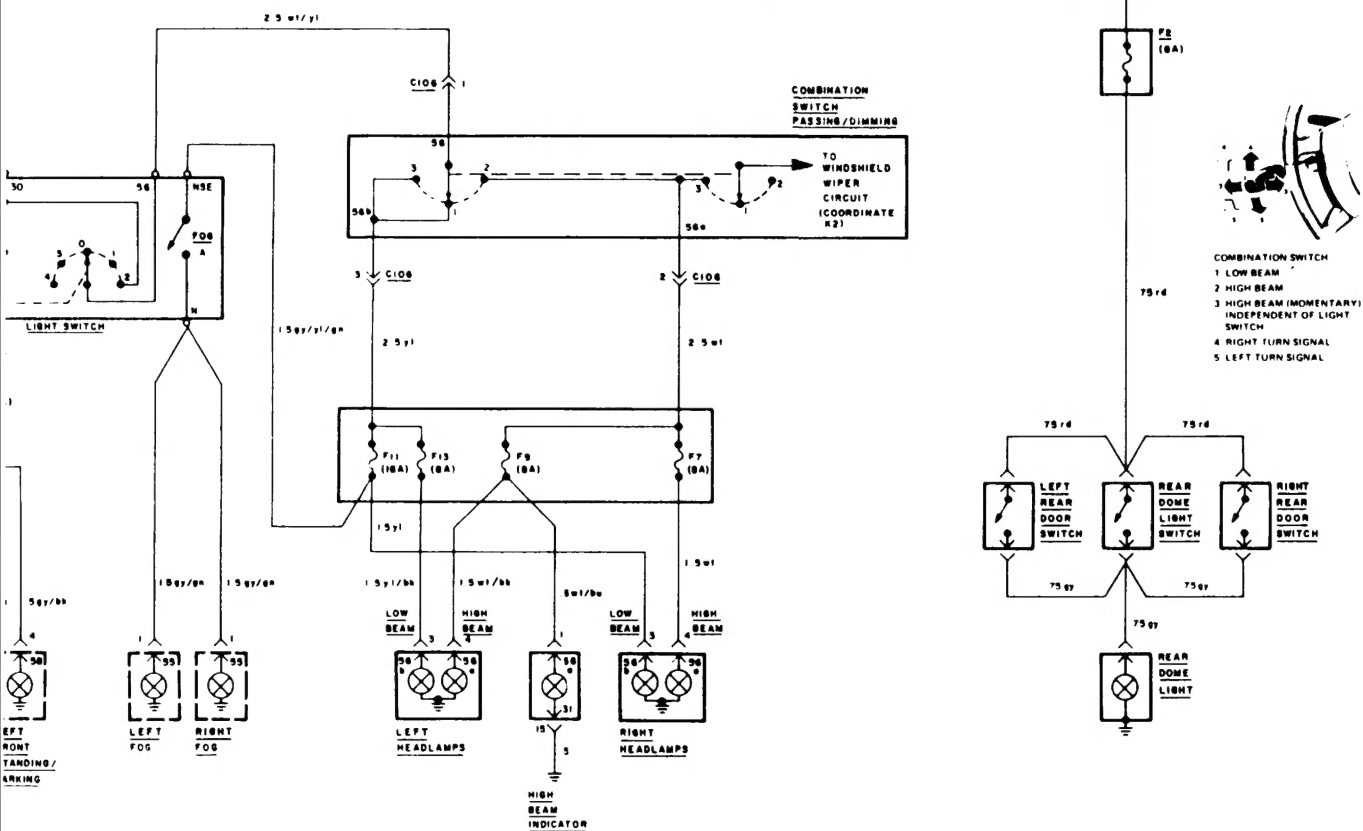


Fig. 10

8. Ambient temperature sensor

AIR CONDITIONING CON  
AUXILIARY FAN  
CHARGE  
CIGAR LIGHTER  
CLOCK  
COOLANT TEMPERATURE  
CRUISE CONTROL  
DIAGNOSTIC PLUG  
ENGINE EMISSION CONT  
FUEL GAUGE  
HEATED REAR WINDOW  
HEATED SEATS  
HORNS  
IGNITION SYSTEM  
KICKDOWN SOLENOID  
LIGHT CIRCUITS  
AIR CONDITIONING  
ASH TRAY  
BACKUP  
BRAKE  
BRAKE SYSTEM WARN  
BRAKE WEAR  
DOME (FRONT)  
DOME (REAR)  
FOG  
GLOVE BOX  
HEAD  
INSTRUMENT CLUSTER  
LOW FUEL WARNING  
MARKER  
PARKING  
STANDING  
TAIL  
TRUNK  
POWER ANTENNA  
RADIO  
SEAT BELT WARNING  
SLIDING ROOF  
START  
TURN SIGNAL/HAZARD F  
WINDOWS  
WINDSHIELD WIPER/WAS  
POWER BUS DETAILS  
SPECIAL GROUNDING C



20 21 22 23 24

## LOCATION FIGURES



Fig 3  
Wiring unit of amplifier

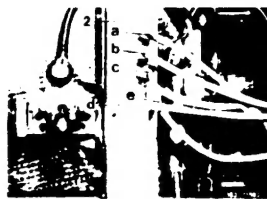


Fig 5  
2 Pushbutton switch  
a green  
b gray  
c red  
d yellow  
e blue



Fig 4  
Ignition switching unit

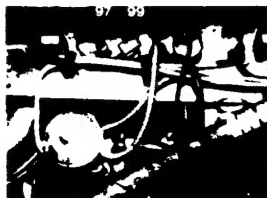


Fig 6  
99 Thermo time switch  
97 Engine temperature sensor



Fig 7  
Warm up regulator



Fig 8  
3 Speed sensor



Fig 9  
4 Servo assembly  
22 Auxiliary water pump

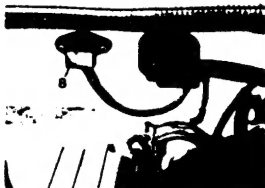


Fig 10  
8 Ambient temperature sensor

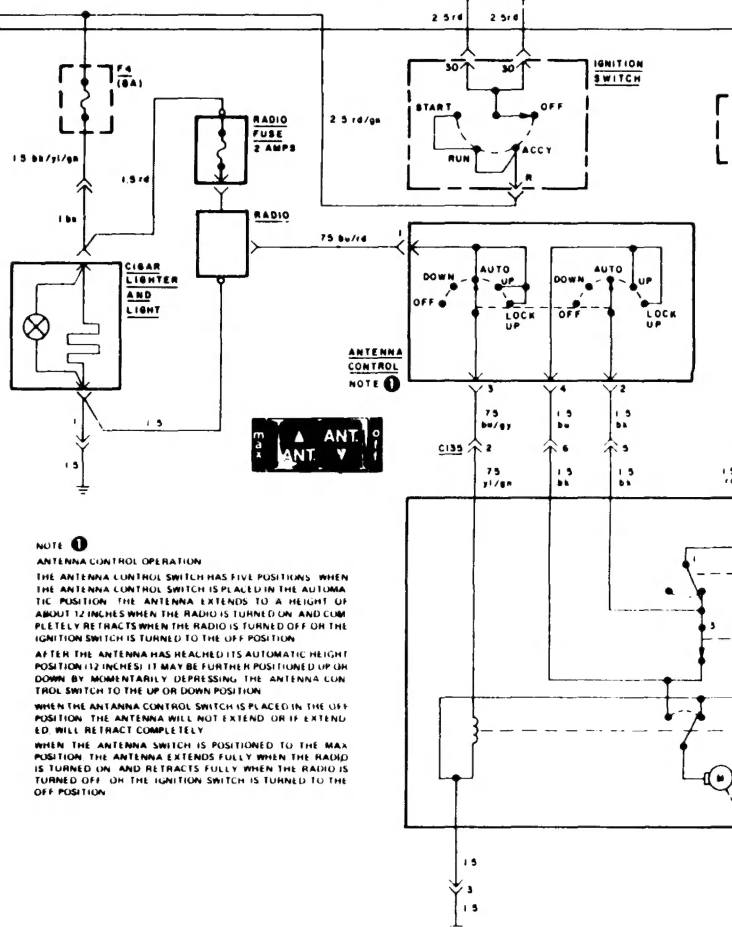
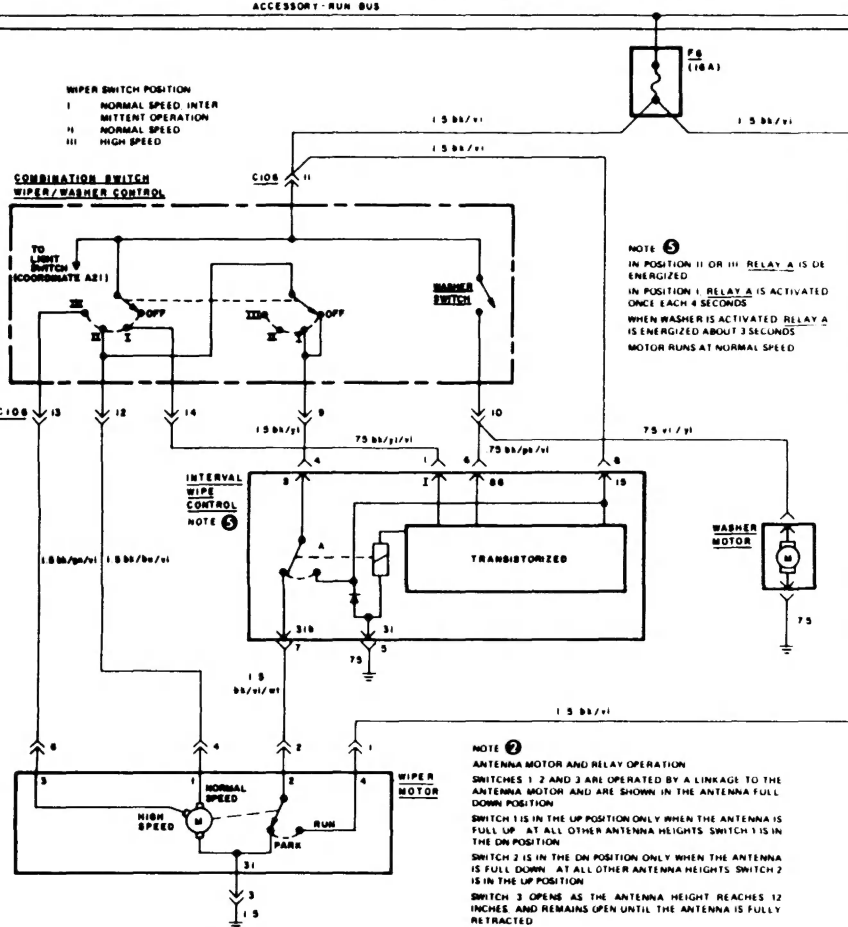
## 1977 280E

AIR CONDITIONING CONTROL	K14
AUXILIARY FAN	M20
CHARGE	D4
CIGAR LIGHTER	K5
CLOCK	F12
COOLANT TEMPERATURE GAUGE	F12
CRUISE CONTROL	R3
DIAGNOSTIC PLUG	B12
ENGINE EMISSION CONTROL	D9
FUEL GAUGE	F11
HEATED REAR WINDOW	S6
HEATED SEATS	P9
HORNS	B4
IGNITION SYSTEM	C11
KICKDOWN SOLENOID	R6
LIGHT CIRCUITS	
AIR CONDITIONING	B15
ASH TRAY	K5
BACKUP	S7
BRAKE	S2
BRAKE SYSTEM WARNING	F9
BRAKE WEAR	F11
DOME (FRONT)	G8
DOME (REAR)	D23
FOG	D20
GLOVE BOX	L1
HEAD	D21
INSTRUMENT CLUSTER	F11
LOW FUEL WARNING	F11
MARKER	D18
PARKING	D19
STANDING	D19
TAIL	D18
TRUNK	G8
POWER ANTENNA	L8
RADIO	K6
SEAT BELT WARNING	C1
SLIDING ROOF	G1
START	D6
TURN SIGNAL/HAZARD FLASHER	B13
WINDOWS	G4
WINDSHIELD WIPER/WASHER	K2
POWER BUS DETAILS	J22
SPECIAL GROUNDING CIRCUITS	J24



ACCESSORY RUN BUS

WIPER SWITCH POSITION  
 I NORMAL SPEED INTER  
 II MITTENT OPERATION  
 III NORMAL SPEED  
 III HIGH SPEED

COMBINATION SWITCH  
WIPER/WASHER CONTROL

2 ——— 3 ——— 4 ——— 5 ——— 6 ——— 7 ———

BRAKE LIGHTS

CRUISE CONTROL

HEATED REAR WINDOW

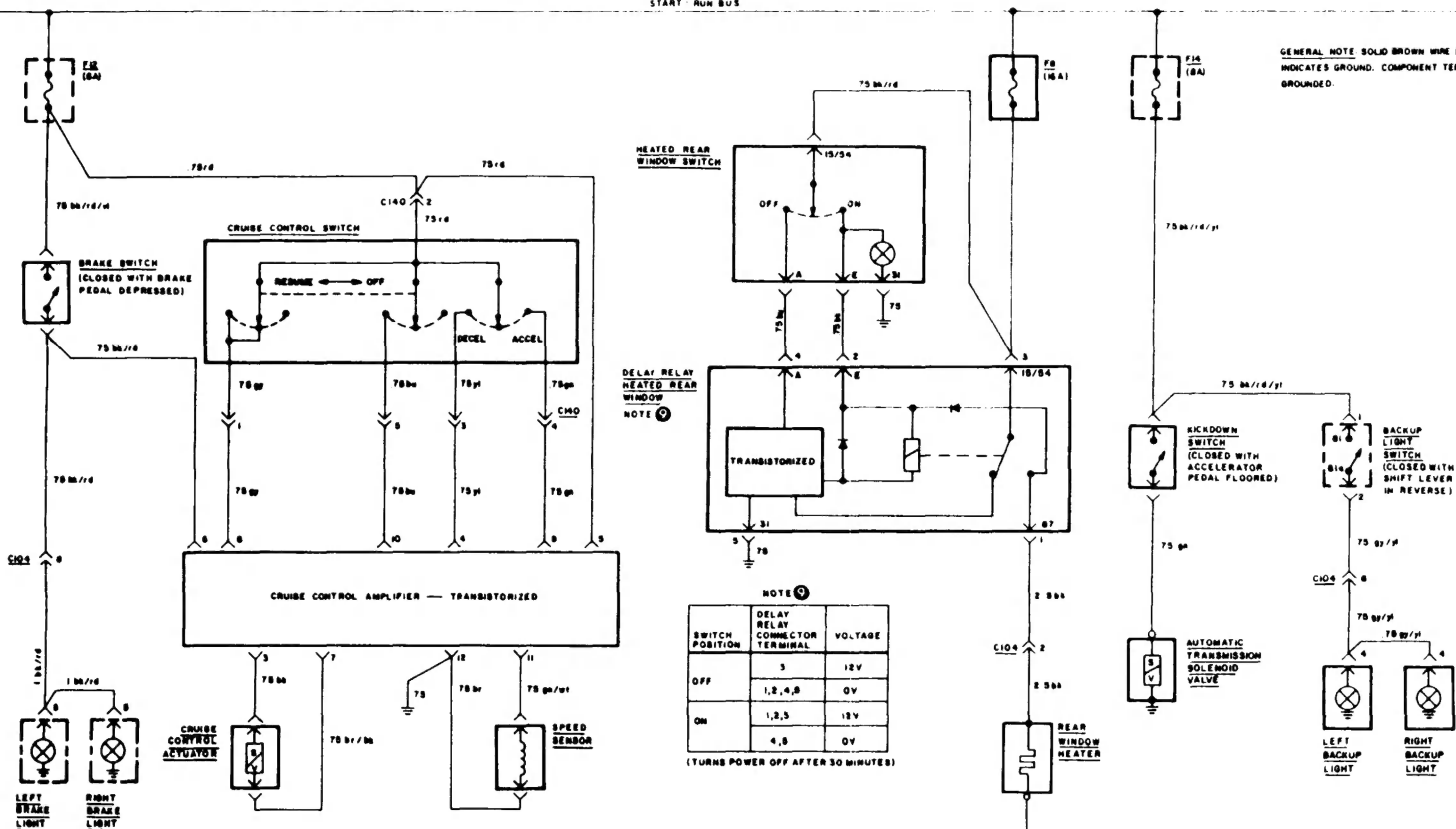
KICKDOWN SOLENOID

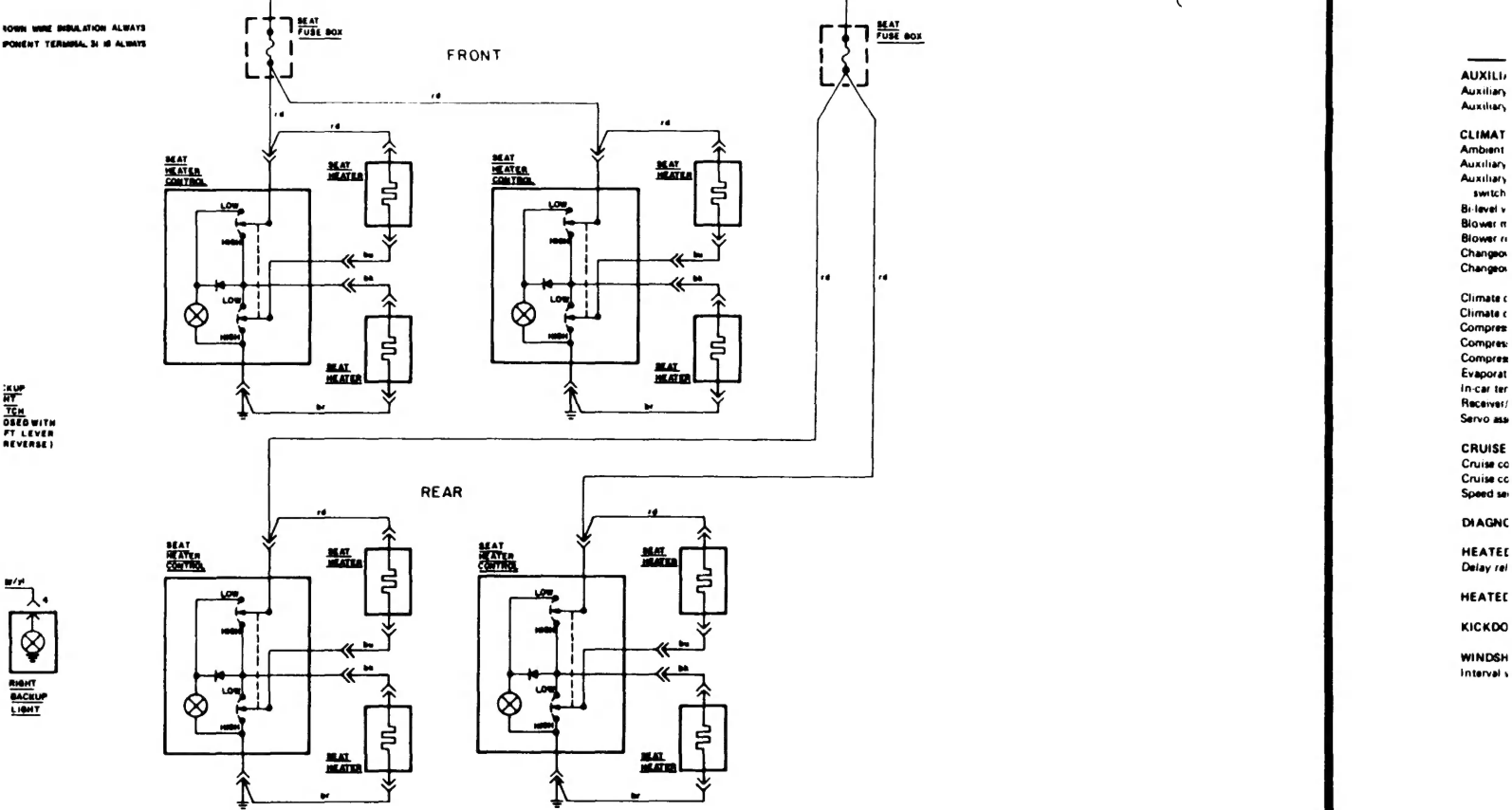
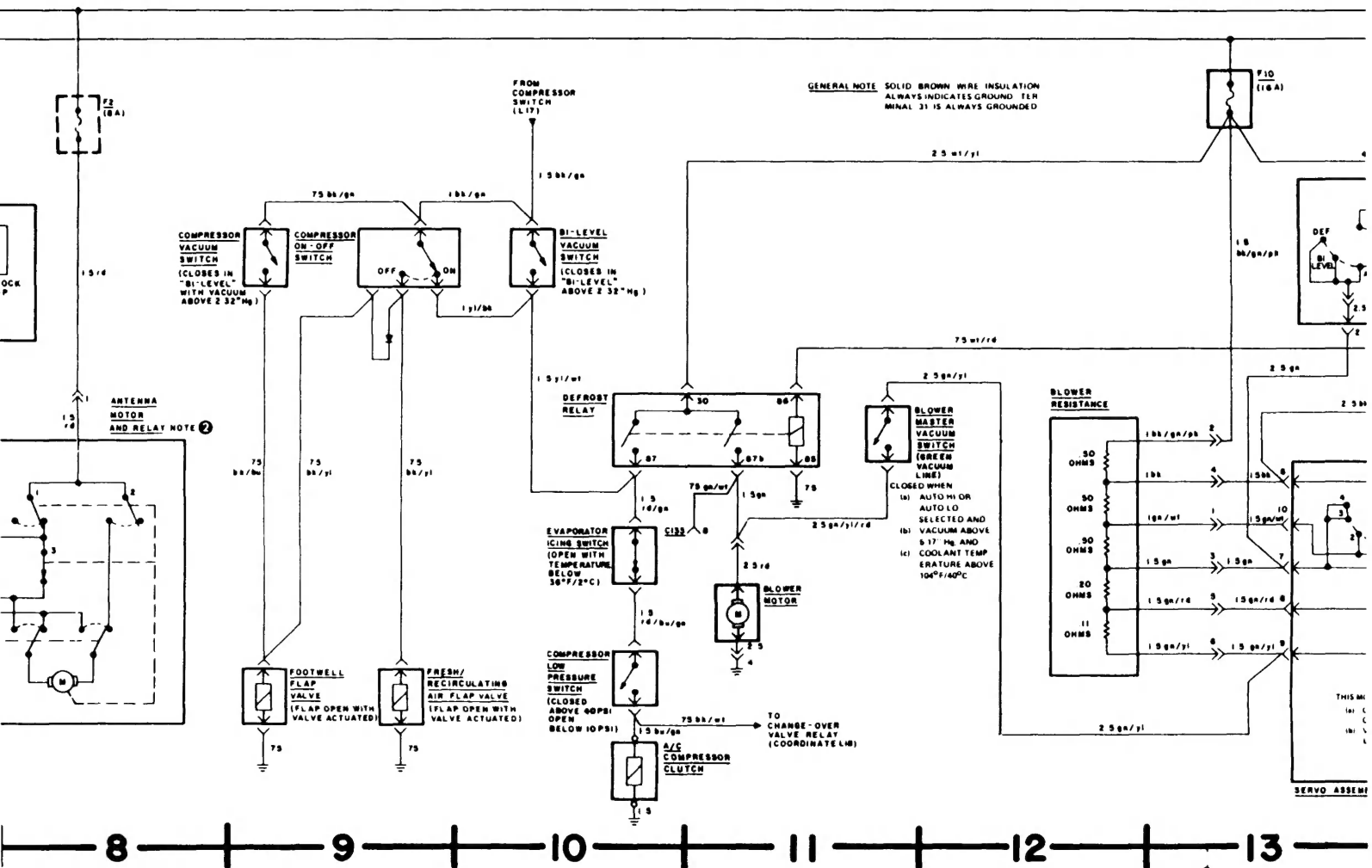
BACKUP LIGHTS

BATTERY BUS

START RUN BUS

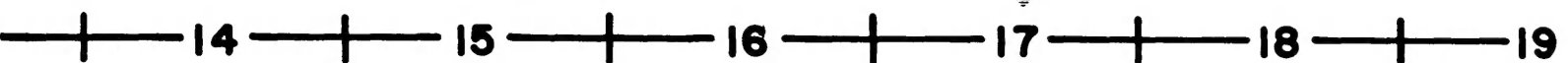
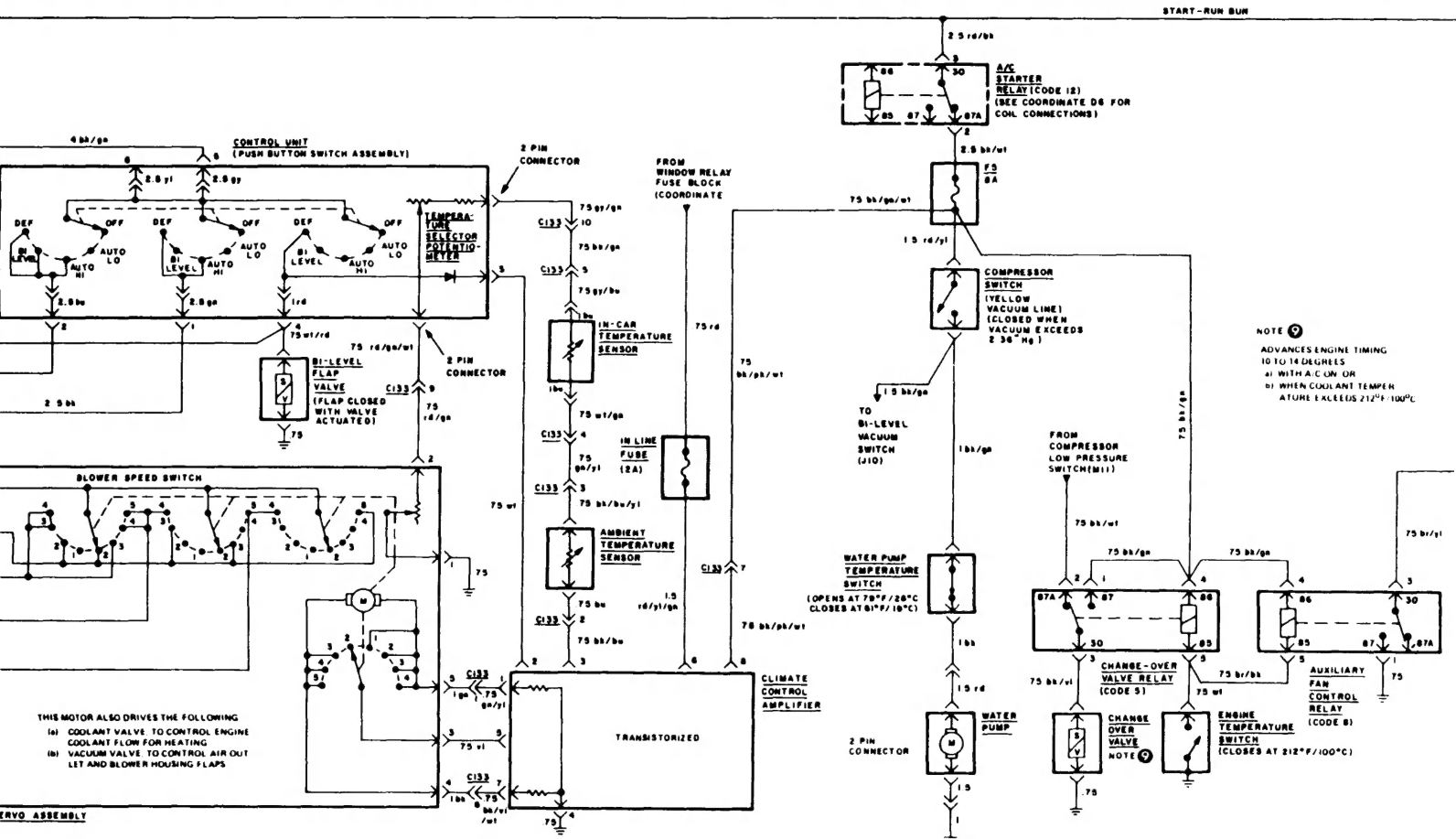
GENERAL NOTE: SOLID BROWN WIRE INSUL.  
 INDICATES GROUND. COMPONENT TERMINAL  
 GROUNDED.





- AUXILIARY
- Auxiliary
- Auxiliary
- CLIMATE
- Ambient
- Auxiliary
- Auxiliary
- switch
- Bi-level
- Blower
- Blower
- Change
- Change
- Climate
- Climate
- Compressor
- Compressor
- Compressor
- Evaporator
- In-car
- Inter
- Receiver
- Servo
- ASS
- CRUISE
- Cruise
- Cruise
- Cruise
- Speed
- DIAGN
- HEATER
- Delay
- rel
- HEATER
- KICKDO
- WINDSH
- Interval





# COMPONENT INDEX

SYSTEM/ COMPONENT	LOCATION ON VEHICLE	LOC FIG NO	TERM FIG NO	SYSTEM/ COMPONENT	LOCATION ON VEHICLE	LOC FIG NO	TERM FIG NO
<b>AUXILIARY FAN</b>							
Auxiliary fan control relay - code 8	Behind cruise control actuator	1		C 104	Driver's side, under dash	3	T23
Auxiliary fan relay - code 6	Behind cruise control actuator	1		C 105	Firewall	16	T25
				C 106	Under dash, driver's side	3	T23
				C 107	Console (power window)		T2
				C 108	Console (power window)		T4
				C 133	Behind glove box	17	T24
				C 140	Firewall		T1
<b>CLIMATE CONTROL</b>							
Ambient temperature switch	Right firewall	10					
Auxiliary water pump	Next to servo	9					
Auxiliary water pump temperature switch	Behind glove box	15					
Bi-level vacuum switch	Behind glove box	13					
Blower master vacuum switch	Behind glove box	13					
Blower resistors	In plenum chamber	14					
Changeover relay - code 5	In relay box	1					
Changeover valve	Front left engine compartment on firewall						
Climate control amplifier	Behind glove box	15					
Climate control panel (back view)	On console	5					
Compressor low pressure switch	On receiver drier	12					
Compressor switch	Behind glove box	13					
Compressor vacuum switch	Behind glove box	13					
Evaporator icing switch	Behind glove box	13					
In-car temperature sensor	LH side of dash, in speaker vent	11					
Receiver/drier temperature switch	On A/C receiver	12					
Servo assembly	RH side of engine	9					
<b>CRUISE CONTROL</b>							
Cruise control actuator	LH side of engine compartment	4					
Cruise control amplifier	Above brake pedal	3					
Speed sensor	Back of speedometer	8					
<b>DIAGNOSTIC PLUG</b>	LH side of engine compartment	3					
<b>HEATED REAR WINDOW</b>							
Delay relay	Behind instrument panel	2					
<b>HEATED SEATS</b>							
<b>KICKDOWN SOLENOID</b>							
<b>WINDSHIELD WASHER/WIPER</b>							
Interval wiper control	Behind instrument panel	2					



Fig 11  
7 - In car temperature sensor



10 - Blower

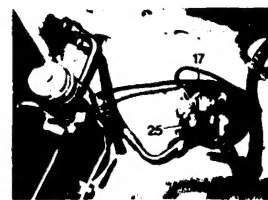


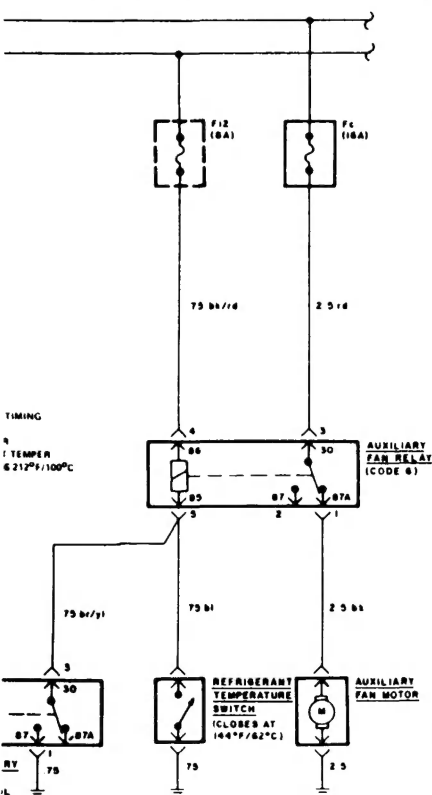
Fig 12  
17 - Receiver drier temperature switch  
25 - Compressor low pressure switch



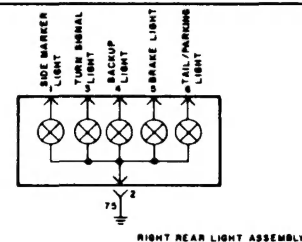
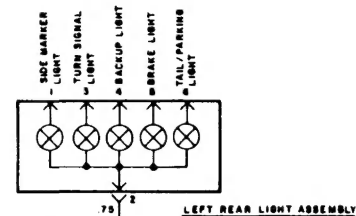
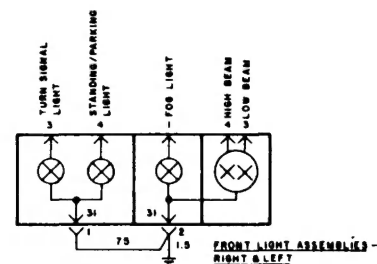
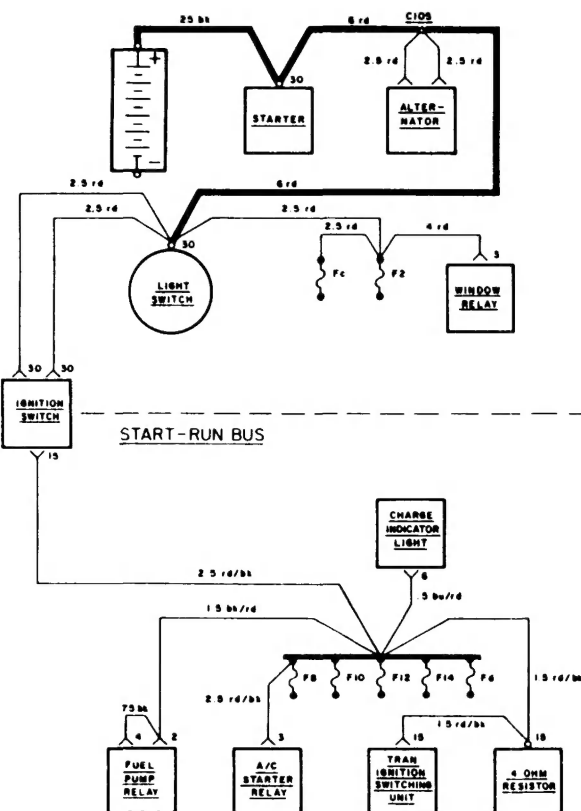
6 - Climate control panel  
21 - Auxiliary fan control relay  
24 - Evaporator



Fig 13  
19 - Blower master vacuum switch (green line)  
20 - Compressor switch  
23 - Compressor vacuum switch  
81 - Bi-level vacuum switch



## BATTERY BUS



19 20 21 22 23 24

## LOCATION FIGURES

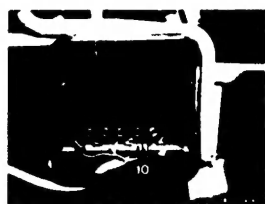


Fig 14

10 - Blower resistors

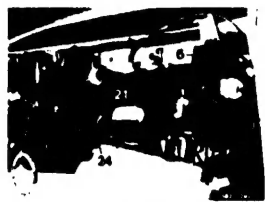


Fig 15

6 - Climate control amplifier  
21 - Auxiliary water pump temperature switch  
24 - Evaporator using switch

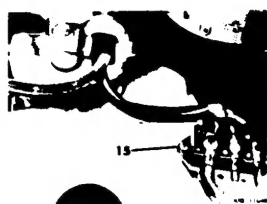


Fig 16

15 - C.105

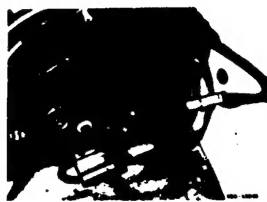


Fig 17

5 - C.133



Fig 18

55 - Sensor plate safety switch  
97 - Cold start valve

## FUSE DATA

- Fuse 1 (8 amps)  
Right front standing/parking light  
Right tail light
- Fuse 2 (8 amps)  
Antenna  
Clock  
Exterior lights  
Front dome  
Rear dome  
Turn signals
- Fuse 3 (8 amps)  
Left front standing/parking light  
Left tail light
- Fuse 4 (8 amps)  
Cigar lighter  
Glove box light  
Power windows relay  
Radio
- Fuse 5 (8 amps)  
Auxiliary fan control relay  
Changeover relay  
Climate control amplifier  
Water pump
- Fuse 6 (16 amps)  
Windshield wiper/washer
- Fuse 7 (8 amps)  
Right headlight high beam light
- Fuse 8 (16 amps)  
Heated rear window
- Fuse 9 (8 amps)  
High beam indicator  
Left headlight high beam
- Fuse 10 (16 amps)  
Climate control
- Fuse 11 (16 amps)  
Fog lights  
Right headlight low beam
- Fuse 12 (8 amps)  
Auxiliary fan relay  
Brake lights  
Cruise control  
Hazard flasher  
Instrument cluster
- Fuse 13 (8 amps)  
Left headlight low beam
- Fuse 14 (8 amps)  
Backup lights  
Horns  
Kickdown solenoid  
Seat belt wiring
- Fuse  
a (16 amps)  
Right front and left rear power windows  
b (16 amps)  
Left front and right rear power windows  
c (16 amps)  
Auxiliary fan motor  
d (16 amps)  
Sliding roof

## 1977 280E

AIR CONDITIONING CONTROL	K14
AUXILIARY FAN	M20
CHARGE	D4
CIGAR LIGHTER	K5
CLOCK	F12
COOLANT TEMPERATURE GAUGE	F12
CRUISE CONTROL	R3
DIAGNOSTIC PLUG	B12
ENGINE EMISSION CONTROL	D9
FUEL GAUGE	F11
HEATED REAR WINDOW	S6
HEATED SEATS	P9
HORNS	B4
IGNITION SOLENOID	C11
KICKDOWN SOLENOID	R6
LIGHT CIRCUITS	
AIR CONDITIONING	B15
ASH TRAY	K5
BACKUP	S7
BRAKE	S2
BRAKE SYSTEM WARNING	F9
BRAKE WEAR	F11
DOVE (FRONT)	G8
DOVE (REAR)	D23
FOG	D20
GLOVE BOX	L1
HEAD	D21
INSTRUMENT CLUSTER	F11
LOW FUEL WARNING	F11
MARKER	D18
PARKING	D19
STANDING	D19
TAIL	D19
TRUNK	G8
POWER ANTENNA	L8
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SLIDING ROOF	D6
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